



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

CONZONE ET AL.

Group Art Unit: 2872

Serial No. 09/855,741

Examiner: F. Assaf

Filed: May 16, 2001

For: PHOTONIC DEVICES FOR OPTICAL AND OPTOELECTRONIC INFORMATION  
PROCESSING

#12/Amend A  
4/9/03  
C.P.

AMENDMENT AND REPLY

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

In response to the Office Action dated October 2, 2002, please amend the above-  
referenced application as indicated below and consider the remarks which follow:

IN THE CLAIMS:

Please amend claims 1, 4, and 16 as follows:

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TC 2800 MAIL ROOM

A1

1. (Amended) A photonic device comprising:  
a first section including an optical material,  
a second section including an optical material,  
with an area of said first section and an area of said second section abutting each other,  
wherein  
at least a part of said first area and a part of said second area define a low temperature  
bonding area, and wherein said first section and said second section form a waveguide.

A2

4. (Amended) A photonic device according to claim 1, wherein said optical material is  
useable for transmission of photons, reflection of photons, absorption of photons, generation of